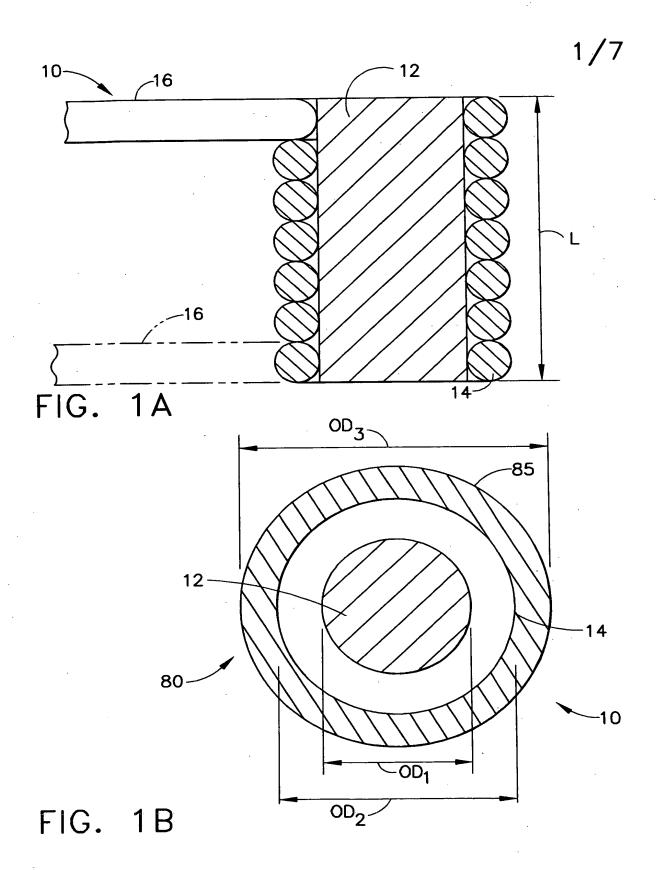


MEDICAL DEVICE WITH POSITION SENSOR HAVING ACCURACY AT HIGH TEMPERATURES

INVENTOR: ASSAF GOVARI

DOCKET: BIO-131

ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218



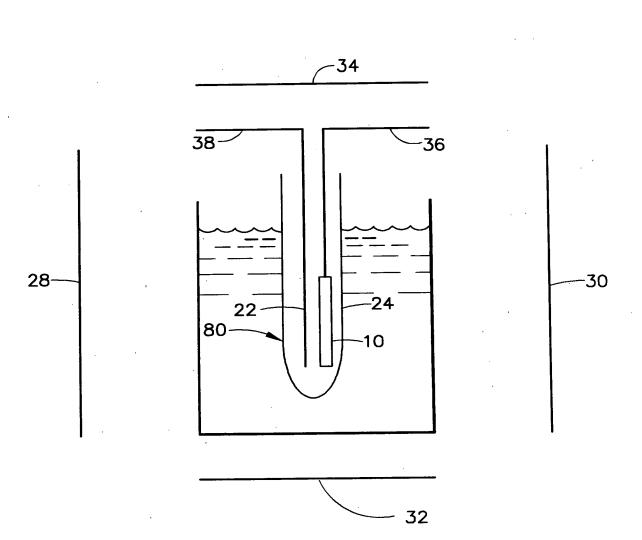
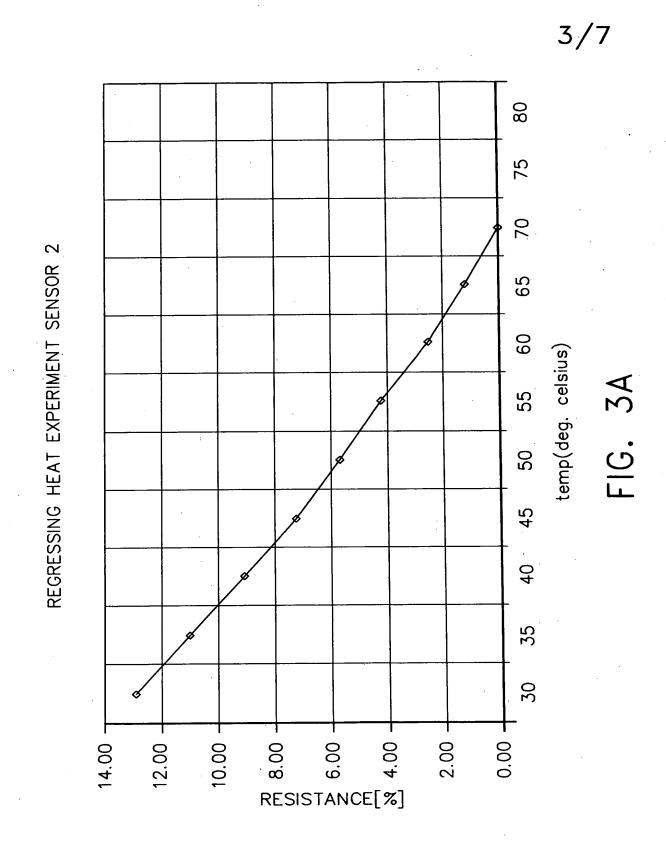
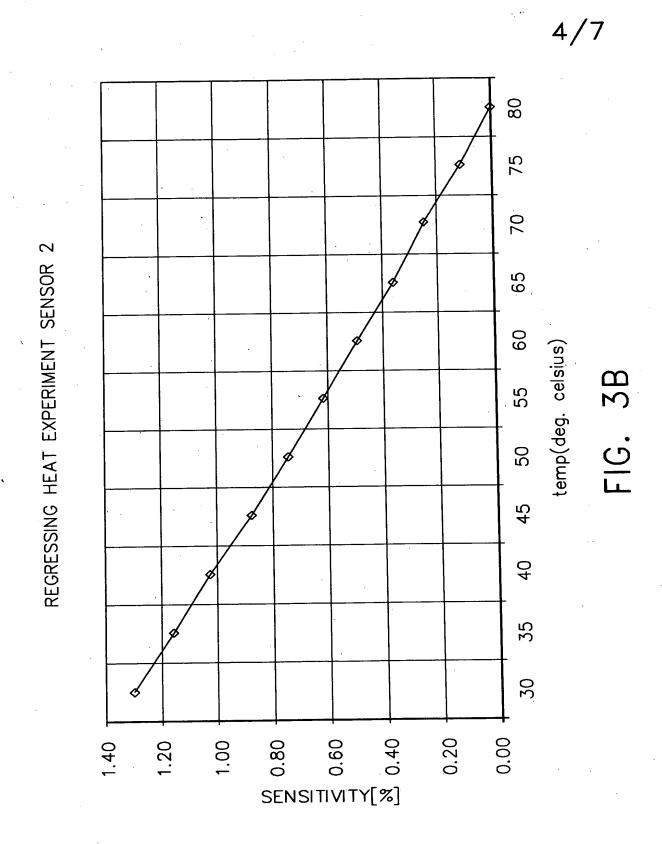
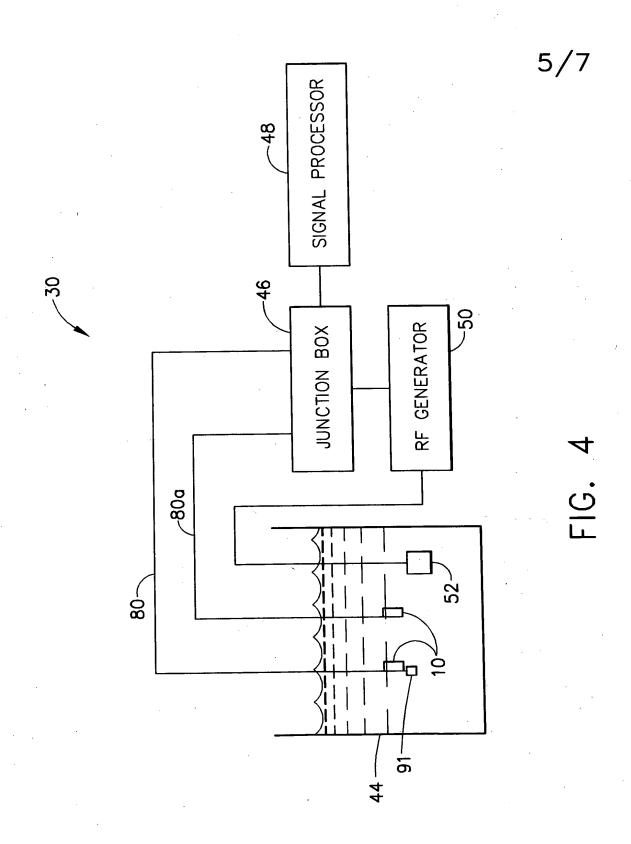


FIG. 2







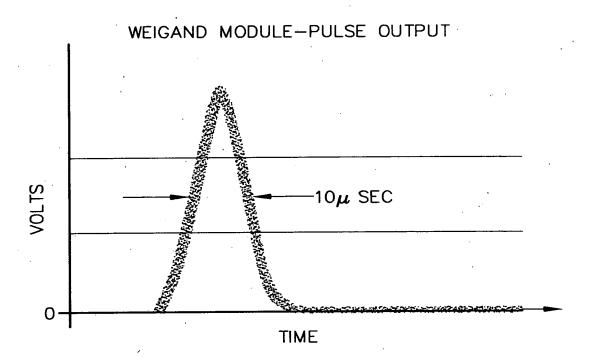


FIG. 5

MEDICAL DEVICE WITH POSITION SENSOR HAVING ACCURACY AT HIGH TEMPERATURES

INVENTOR: ASSAF GOVARI

DOCKET: BIO-131

ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218

REGRESSING HEAT EXPERIMENT	3	sensitiv	.89 2.4537 1.31 171.80 113.17 2.6864 1.26 185.60 113.25	78.90 10.96 2.3958 1.18 168.00 11.01 2.4567 1.18 174.30 11.42 2.6896 1.14 188.90 11.28	81.80 9.19 2.3990 1.03 171.00 9.06 2.4598 1.06 177.20 9.50 2.8728 1.03 192.10 9.42	84.40 7.65 2.4025 0.86 173.90 7.25 2.4632 0.92 179.90 7.95 2.8765 0.90 194.90 7.85	87.40 5.92 2.4057 0.74 176.40 5.73 2.4670 0.76 182.80 6.95 2.8801 0.77 197.80 6.27	90.40 4.25 2.4087 0.62 178.90 4.25 2.4705 0.62 185.30 4.80 2.8838 0.64 200.80 4.58	92.80 2.96 2.4116 0.50 181.80 2.59 2.4744 0.45 188.20 3.19 2.8875 0.52 203.80 3.14	95.80 1.38 2.4148 0.36 184.30 1.19 2.4774 0.34 191.80 1.25 2.8913 0.38 207.30 1.40	98.50 0.00 2.4176 0.25 186.50 0.00 2.4799 0.24 194.20 0.00 2.8952 0.25 210.20 0.00	2.4833 0.10 196.40 2.8986 0.13 212.20	2.4859 0.00 2.9024 0.00	П
	2	resistance	76.30 12.59 2.3925 1.30 165.20 12.89 2.4537	168.00 11.01	171.00 9.06	173.90 7.25	176.40 5.73	178.90 4.25	181.80 2.59	184.30 1.19	186.50 0.00			-0.3233
		sensitivity	2.3925 1.30	2.3958 1.18	2.3990 1.03	2.4025 0.86	2.4057 0.74	2.4087 0.62	2.4116 0.50	2.4148 0.36	2.4176 0.25	2.4207 0.12	2.4236 0.00	0250
		resistance	176.30 12.59	178.90 10.96	181.80 9.19	184.40 7.65	187.40 5.92	190.40 4.25	192.80 2.96	195.80 1.38	198.50 0.00		-	-0.3165
		sensitivity	2.6290 1.39	2.6327 1.25	2.6356 1.13	2.6390 1.00	2.6419 0.89	2.6457 0.75	2.6489 0.63	2.6519 0.51	2.6567 0.37	2.6599 0.21	2,6555 0.00	-0.0266
			30	35	40	45	20	55	09	65	70	75	8	slope

<i>,</i>	_	<u></u>	യി	بأحد	~ <u></u>	1	ച	_	മി	<u></u>	1	7	_	
8	resistance	75.40 11.74	177.40 10.4	20 9.5	60 8.5	50 6.8	10 5.89	40 2.4(10 0.98	00 0.00			-0.3069	
				91 179.20	84 180.	75 183.	58 185.	0.49[191.40]	45 194.	0.26 196.00	2	8	4	
	sensitivity	5002 11.1	5029 11.0	1.05 166.30 15.94 2.5053 0.91	0.92 171.00 12.75 2.5070 0.84 180.60 8.53	0.75 172.90 11.51 2.5093 0.75 183.50	<u>0.61 174.10 10.74 2.5134 0.58 185.10</u>	5157 10.	1.37 2.5168 0.45 194.10		2.5247 0.	2.5280 0.	-0.0219	
7	sensitivity resistance s	20.27 2.	19.23 2.	15.94 2.	12,75 2.	11.51 2.	10.74 2.	4.84 2.	1.37 2.	0.00 2.	2.	2.	71	
		160.32 20.27 2.5002	1,20 161.70 19,23 2,5029	166.30	171.00	172.90	174.10	0.48 183.90 4.84 2.5157	0.39 190.20 1	0.25 192.80 0.00 2.5215			-0.5271	
		1.32		- 1	0.92	0.75		0.48	0.39		0.13	0.00	-0.0266	
		167.4 13.02 2.4290 1.32	11.56 2.4319	10.06 2.4356	8.30 2.4387	6.71 2.4428	5.35 2.4452	3.84 2.4494	2.49 2.4516	1.23 2.4546	0.00 2.4580	2.4511	·0-	
	resistance	13.02		10.06	8.30	6.71	1	1	╂—	1.23	0.00		-0.2934	
9		1	169.6	171.9	174.7	177.3	179.6	ľ	1	186.9	189.2		-0.7	
	sensitivity	11.25	1.15	1.04	06.0	0.79	99.0	0.52	0.38	0.27	0.13	3 0.00	-0.0253	
		2.4057	2.4061	8.90 2.4108	2.4141	5 38 2 4157	3 93 7 4196	2 20 2 42 32 0 52	103 24265 0.38	2 4293 0 27	2.4326	2.4358	-	
	stance	112.16	10.49	8.90	717	5 38	303	2,00	103	000			124	
5	resist	235.7	239.3	242.8	746.7	250.9	254 4	25 7 75 8 7	7617	264.4	9679	2	-0	
	Nit.	100	0.92	0.84	0.74	0.62	_	ᢡ	0.32	0.00	0.10	000	705	
	sensitivity	3,3480	3,3506	3,3533	3.3568	3 3605	7 3647	7 7674	3.70×	3 7740	3 3780	3 3815	() -	
		30	35	04	45	55	3,75	36	200	25	5/2	2 6	Slope	